



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005



Job No.:CTCE/BBMP/SSJ/W.No.13/CSR-03/599d/Cube/2017-18

25.04.2018

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	: Asst. Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
* Agency	: Mr. S.S. Joshi (M/s. Pragathi Enterprises), No.17/2, 9th F Main, Pipeline Road, Vijayanagara, Bangalore – 560 040.
* Name of the work	: Construction of RCC drains in Vivekananda road in Ward No.13, Shettyhalli Sub Division, BBMP, Bangalore.
* Reference	: EE/DD/WO/294/2017-18 Dated: 19.03.2018
* Sample ID	: RCC Drain Raft Concrete
Technical Reference	: IS: 516-1959 (RA-2013)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm ²
* Grade of Concrete	: M ₂₀
Compressive Strength as on	: 28 th day
Sample Received on	: 25.04.2018

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	28.03.2018	25.04.2018	8.139	498.6	22.16
2	28.03.2018	25.04.2018	8.205	515.7	22.92
3	28.03.2018	25.04.2018	8.380	522.8	23.24

*Information is furnished by the Customer/Representative.

Note:

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⇒Any Query regarding the report must be reported within 30 days from the date of testing.



VIDYARANI P.K.
Technical Manager

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagar, Bangalore-79.

Tele Fax : 23223227, Website : www.civiltechconsultants.com

E-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com



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Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	28.03.2018	25.04.2018	8.097	483.5	21.49
2	28.03.2018	25.04.2018	8.190	508.7	22.61
3	28.03.2018	25.04.2018	8.280	511.4	22.73

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28.04.2018

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* Grade of Concrete	: M ₂₀
Compressive Strength as on	: 28 th day
Sample Received on	: 28.04.2018



Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.03.2018	28.04.2018	8.325	498.9	22.17
2	31.03.2018	28.04.2018	8.408	516.8	22.97
3	31.03.2018	28.04.2018	8.260	523.8	23.28

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Compressive Strength as on	: 28 th day
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Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.03.2018	28.04.2018	8.115	486.5	21.62
2	31.03.2018	28.04.2018	8.229	510.3	22.68
3	31.03.2018	28.04.2018	8.398	520.7	23.14

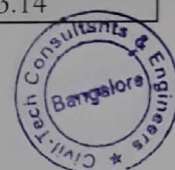
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Compressive Strength as on	: 28 th day
Sample Received on	: 28.04.2018

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.03.2018	28.04.2018	8.270	499.5	22.20
2	31.03.2018	28.04.2018	8.324	522.8	23.24
3	31.03.2018	28.04.2018	8.416	538.7	23.94

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01.05.2018

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* Reference	: EE/DD/WO/294/2017-18 Dated: 19.03.2018
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Technical Reference	: IS: 516-1959 (RA-2013)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm ²
* Grade of Concrete	: M ₂₀
Compressive Strength as on	: 28 th day
Sample Received on	: 01.05.2018

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	03.04.2018	01.05.2018	8.123	475.5	21.13
2	03.04.2018	01.05.2018	8.250	515.6	22.92
3	03.04.2018	01.05.2018	8.390	523.8	23.28

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